

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number  
WO 2005/055577 A1

(51) International Patent Classification<sup>7</sup>:

H04M 3/54

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/EP2003/050859

(22) International Filing Date:

20 November 2003 (20.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant (for all designated States except US): TELECOM ITALIA MOBILE S.p.A. [IT/IT]; Via P. Giannone, 4, I-10121 Torino (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MURATORE, Giuliano [IT/IT]; c/o Telecom Italia Mobile S.p.A., Via Del Giorgione, 159, I-00144 Roma (IT). SARTI, Giancarlo [IT/IT]; c/o Telecom Italia Mobile S.p.A., Via Pietro de Francisci, 152, I-00165 Roma (IT). MARCELLI, Maurizio [IT/IT]; c/o Telecom Italia Mobile S.p.A., Via del Giorgione, 159, I-00144 Roma (IT).

(74) Agents: MACCALLI, Marco et al.; Maccalli & Pezzoli S.r.l., Via Settembrini, 40, I-20124 Milano (IT).

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

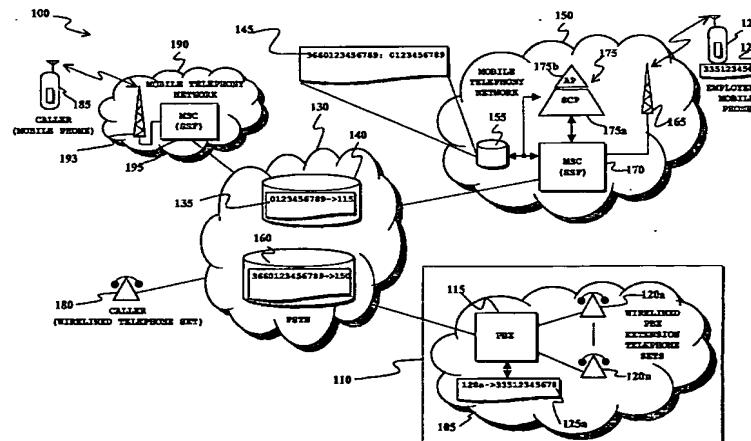
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR FORWARDING TELEPHONE CALLS TOWARDS A CELLULAR PHONE



(57) Abstract: A method, and a related system, of forwarding a telephone call from a caller (180) intended to be directed to a first, fixed, telephony number (135) to a second, mobile, telephony number (125a) in order to render an intended responder associated with the mobile telephony number reachable at a mobile phone (125) instead that at a fixed telephone (120a). The method comprises: having the caller placing a call to a virtual mobile telephony number (145) associated with the fixed telephony number; conditioned to the fact that a call forwarding from the fixed telephony number to the mobile telephony number is enabled, routing the call to the mobile telephony number; and, provided that responder accepts, terminating the call from the caller at the mobile telephony number of the responder instead of at the fixed telephony number, so as to establish a direct telephone call between the caller and the responder. This direct telephone call is viewed by the caller as a call to a mobile telephony number, and, in particular, the caller sustains the cost of the call.

WO 2005/055577 A1